



Microresistivity Log

Pioneer Energy Services

API No.

15-051-26,550-00-00

Company Trans Pacific Oil Corporation

Well Bemis 'A' No. 1-3

Field Bemis-Shutts

County Ellis State

Kansas

Location SW-SW-NE-NW
1090' FNL & 1350' FWL

Other Services
CNL/CDL
DIL

Sec: 3 Twp: 11S Rge: 18W

Permanent Datum Ground Level Elevation 2010
Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 2017
D.F.
G.L. 2010

Date 7/16/2013

Run Number Two

Depth Driller 3582

Depth Logger 3582

Bottom Logged Interval 3581

Top Log Interval 2800

Casing Driller 8.625 @ 221

Casing Logger 220

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity,ppm CL 2,000

Density / Viscosity 9.1 55

pH / Fluid Loss 10.5 7.8

Source of Sample Flowline

Rm @ Meas. Temp .26 @ 80

Rmf @ Meas. Temp .20 @ 80

Rmc @ Meas. Temp .35 @ 80

Source of Rmf / Rmc Charts

Rm @ BHT .19 @ 112

Operating Rig Time 5 Hours

Max Rec. Temp. F 112

Equipment Number 15

Location Hays

Recorded By J. Henrickson

Witnessed By Bryce Bidleman

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

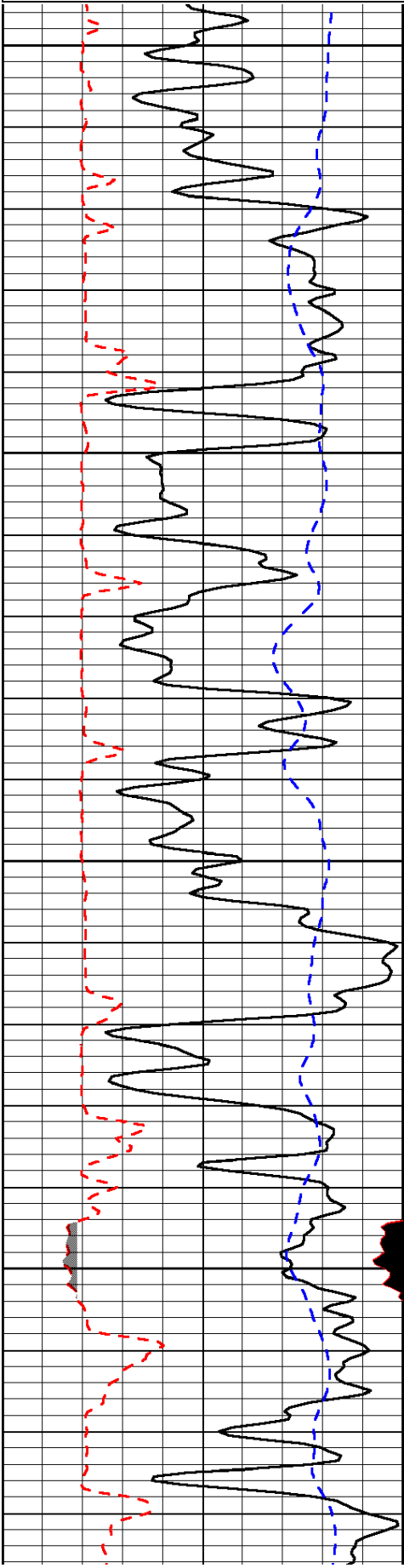
Comments

Thank you for using Log-Tech, Inc.
(785) 625-3858

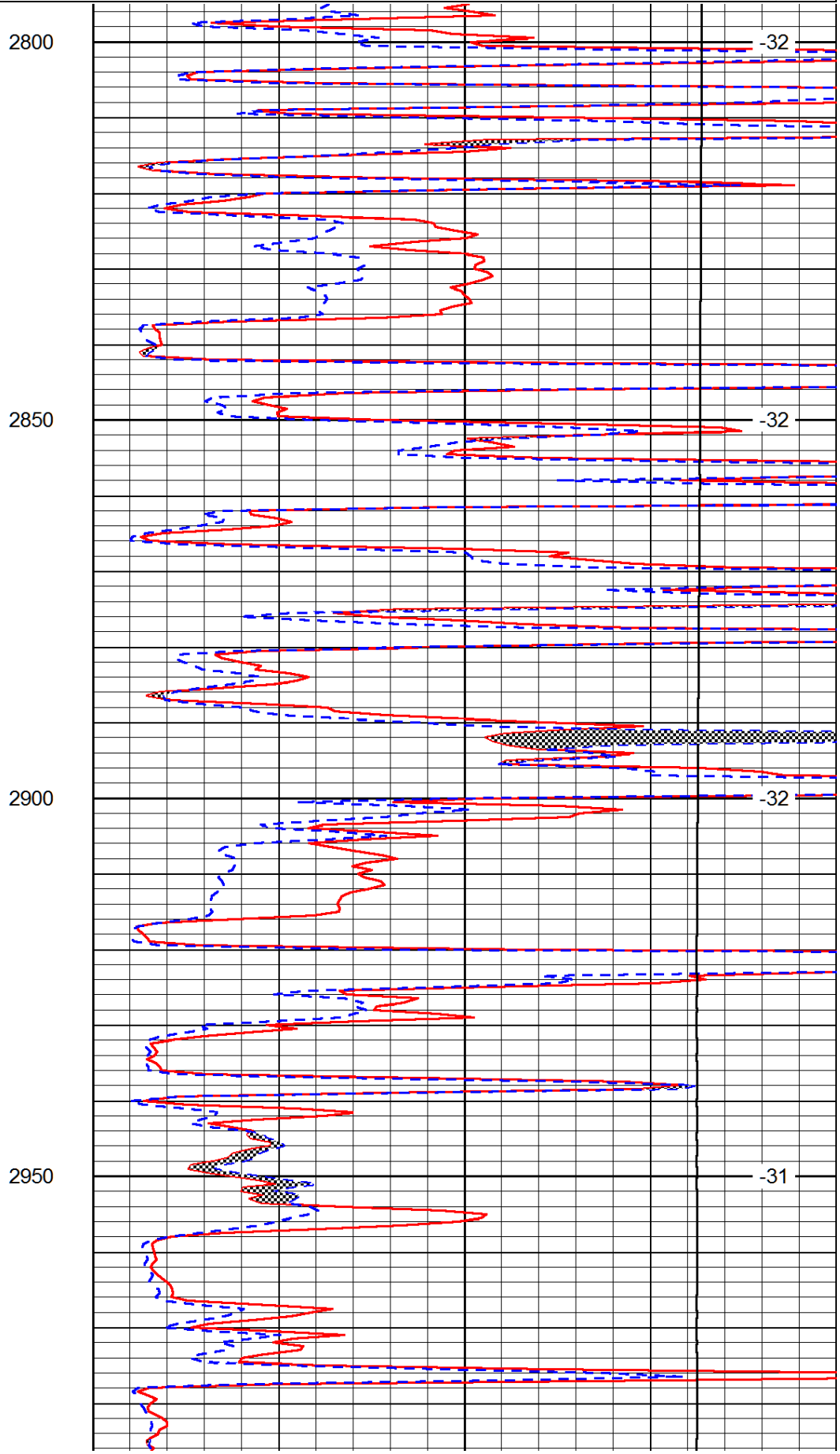
Hays Kansas
North to County Line, West Into

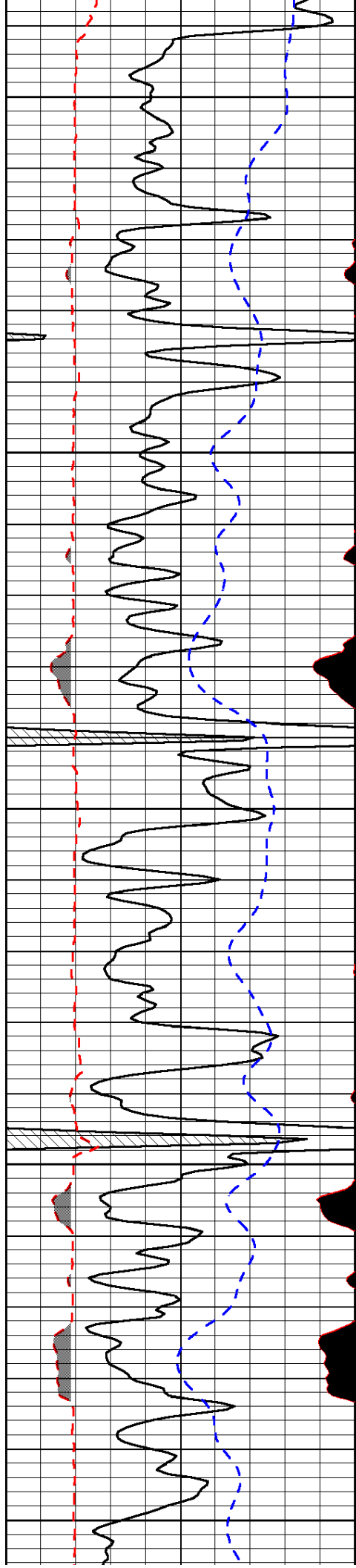
Database File: transpac_bemis_a_1_3hd.db
Dataset Pathname: DIL/transstk
Presentation Format: micro
Dataset Creation: Wed Jul 17 06:24:58 2013
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
6	MCAL (in)	16
2.875	Mud Cake (in)	7.875
-200	SP (mV)	0



0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0
		LSPD (ft/min)





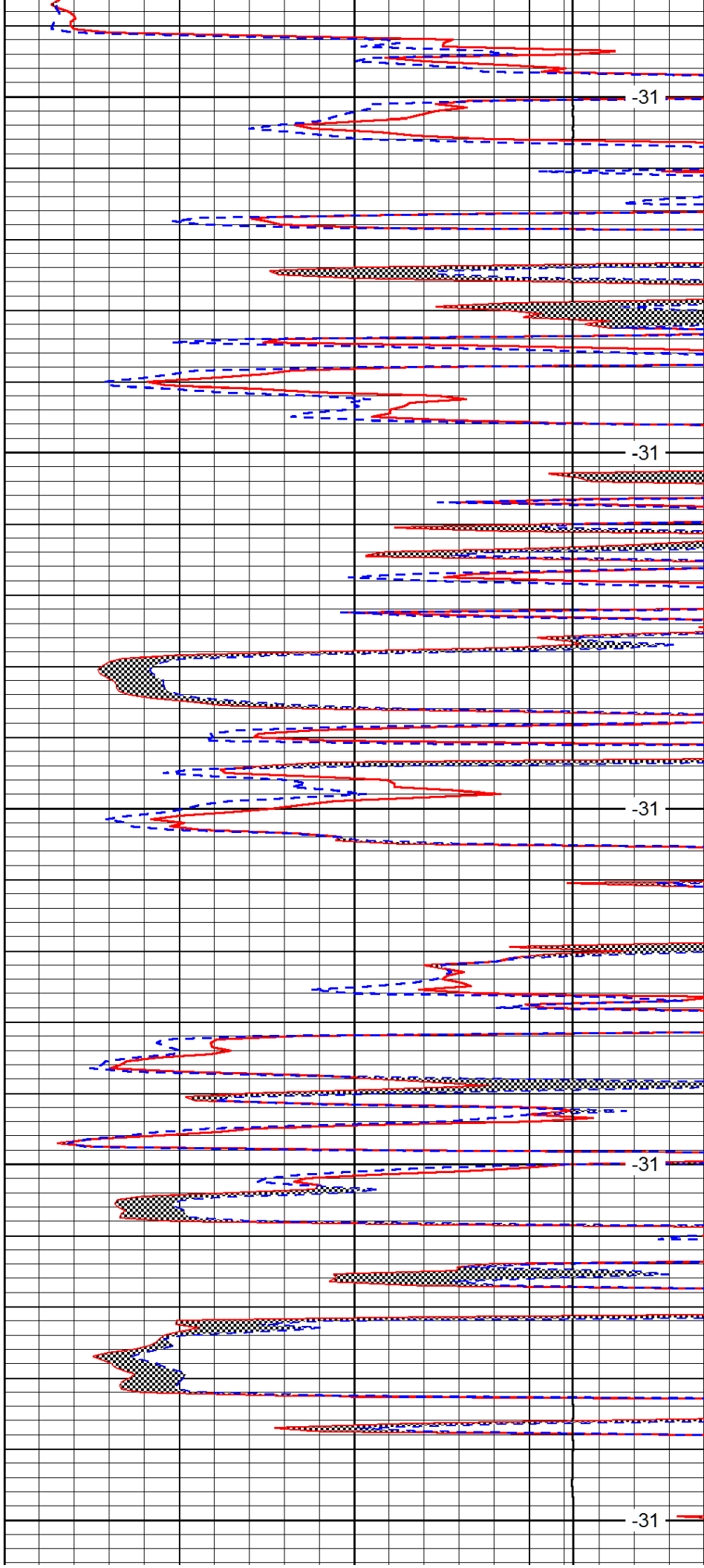
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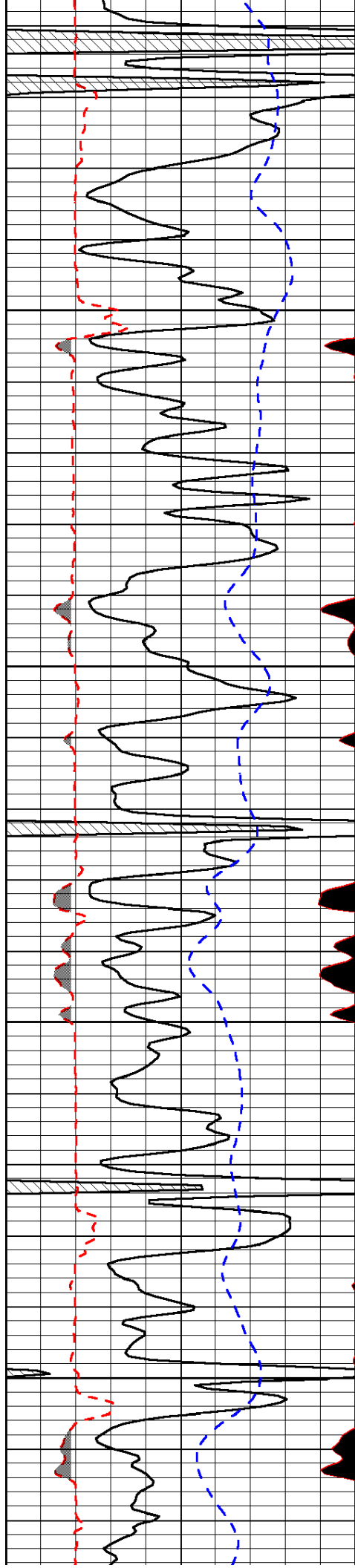
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3100

3150

3200



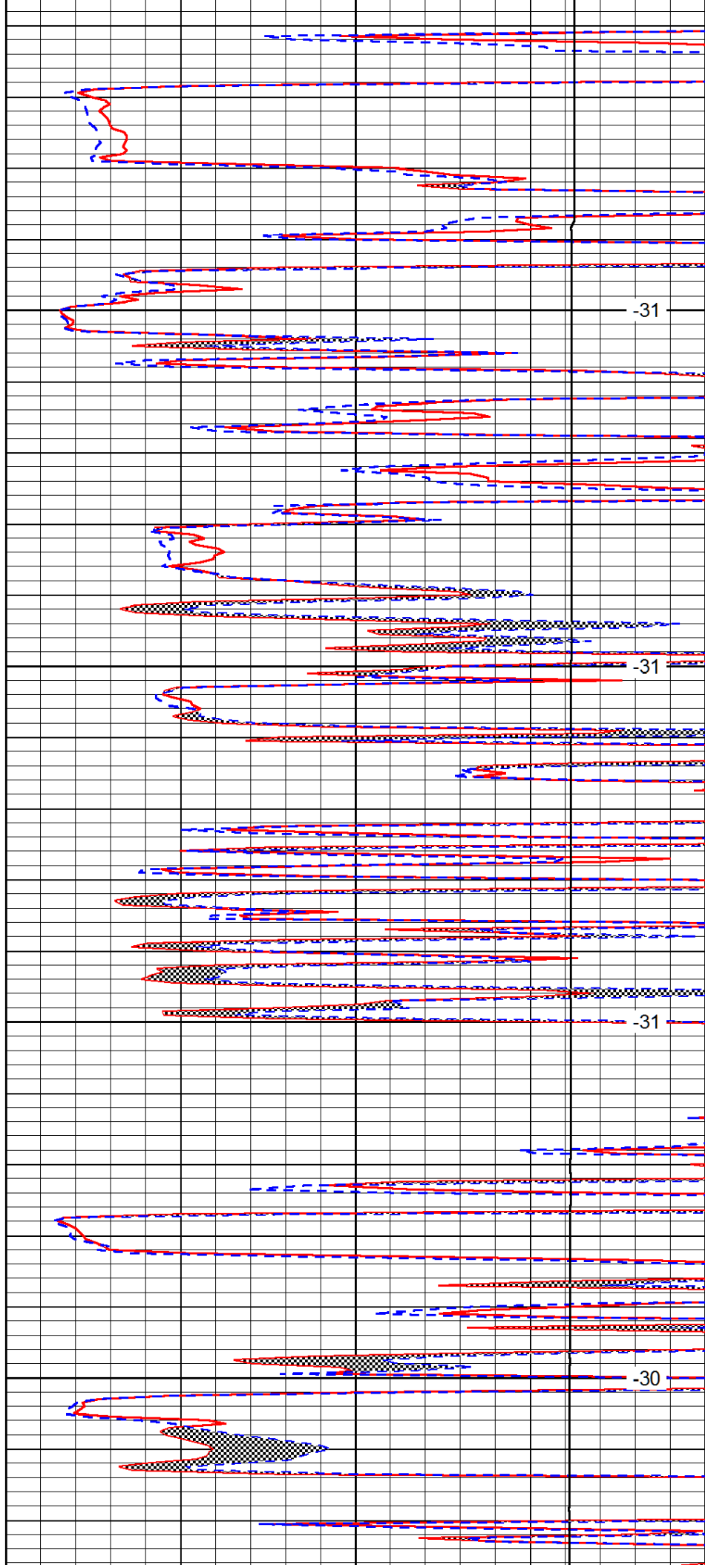


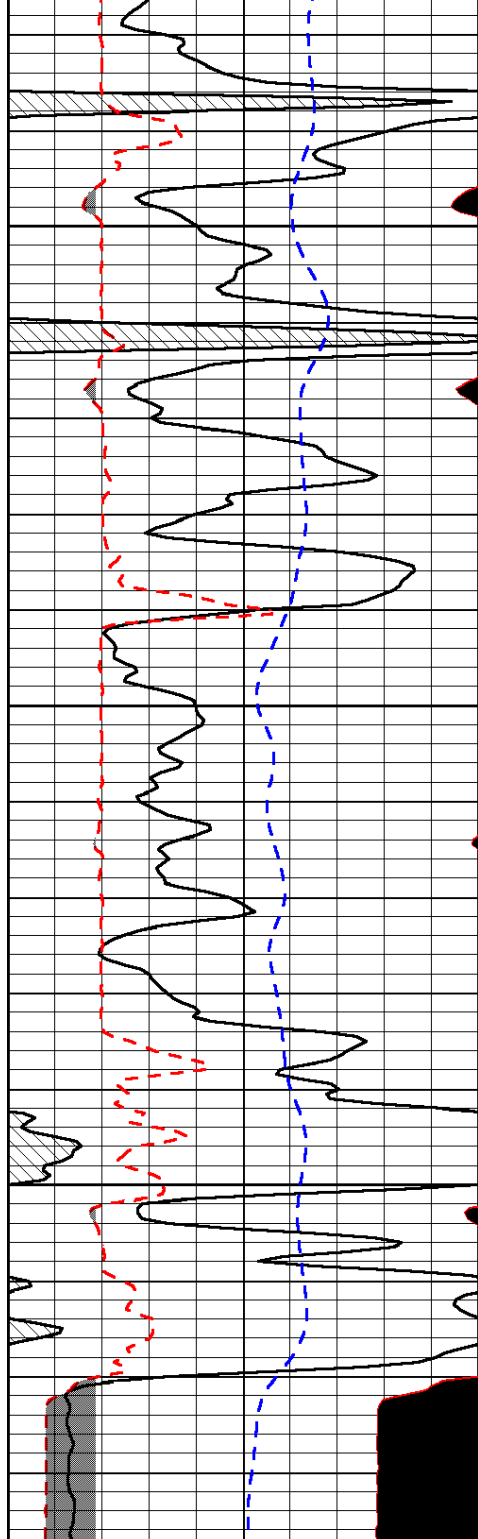
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3300

3350

3400



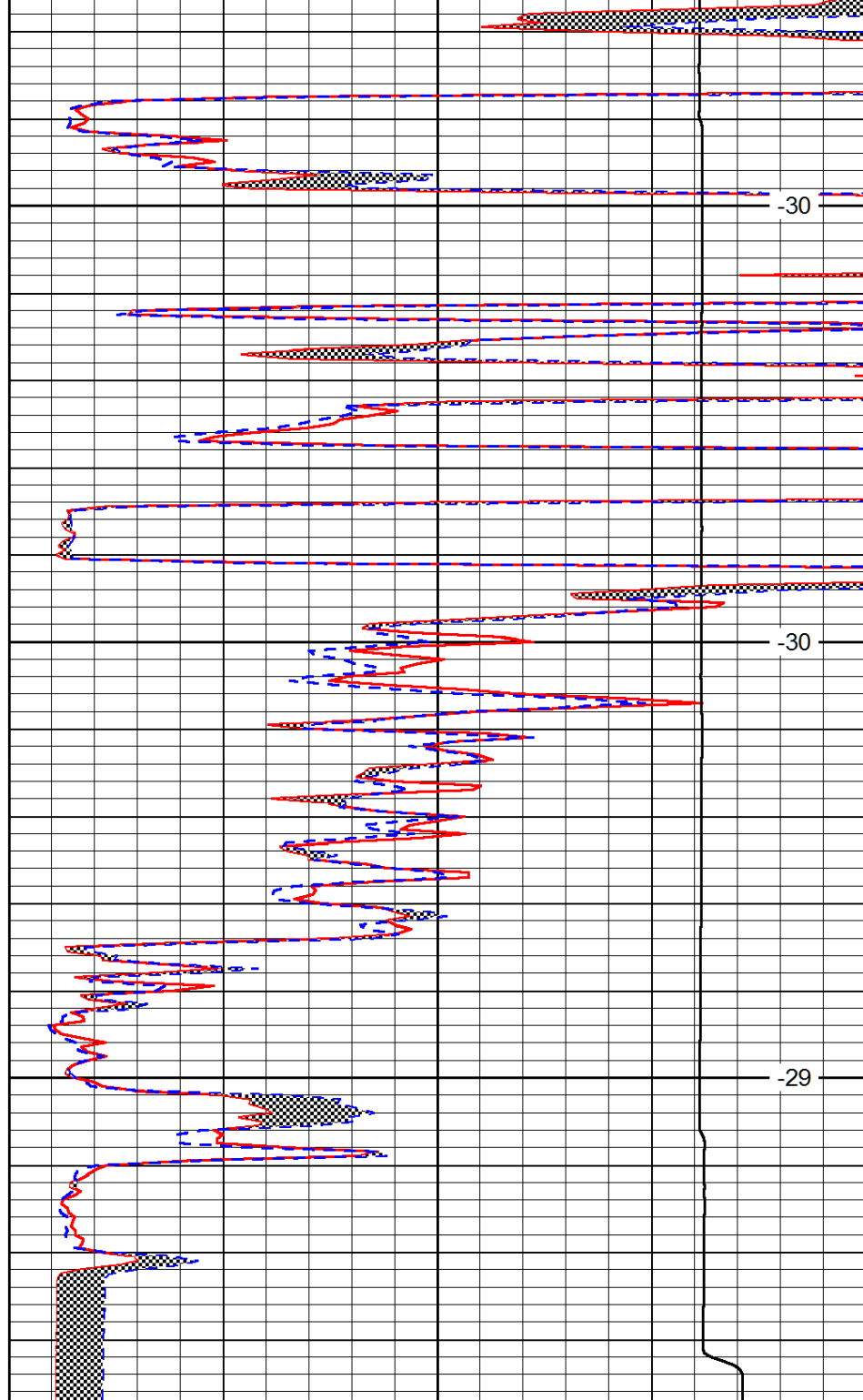


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